

Project No. _____

Book No. _____

TITLE _____

124 12/6/94

From Page No. _____

Purpose: To try the new scheme! in 8 days!! 10 hrs
18 hands!!!

1 Vector prep: puc 19 - 100 μ g *
0.45 μ g/ λ packed from several tubes

- restricted with Dal II (1) - 1 hr = 3 hrs
 $Eco RI$ & Bam HI (2) 1 hr = 3
 Dal II (3) 2 hr = 2

successively at 37°,

LT1	puc 19	100 μ g	225 μ l	5 μ g	several
	NEB buffer 4	(10x)	40	5 μ g	water
NEB	Dal II	(240 μ l/ λ)	10	5 μ g	
	TG		125	25 μ g	
				100	→ 200 μ l remain after 1 hr at:

LT1	Dal II	40.3	$Eco RI$	20	4.5 μ g	1.07 μ g
74121				20	"	"
		(10 μ l/ λ)		4400	"	"
				11	"	"

LT1	Dal II	40.3	$Eco RI$ 7403	30	90 μ g
			BMG 101		
5' A' C PUC 45	T-3'			470	2 hr at 37°.
3' T G PUC A-5'					

- Run a b.c on minigel along with control puc and
carbide/1hr in marker.

5 μ l of a, b & c, control puc 0.5 μ g = 0.225 μ g

- Find (C) stored at 4°c overnight.

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Witnessed & Understood by me,



Date

12/6/94

Invented by

Rec'd by

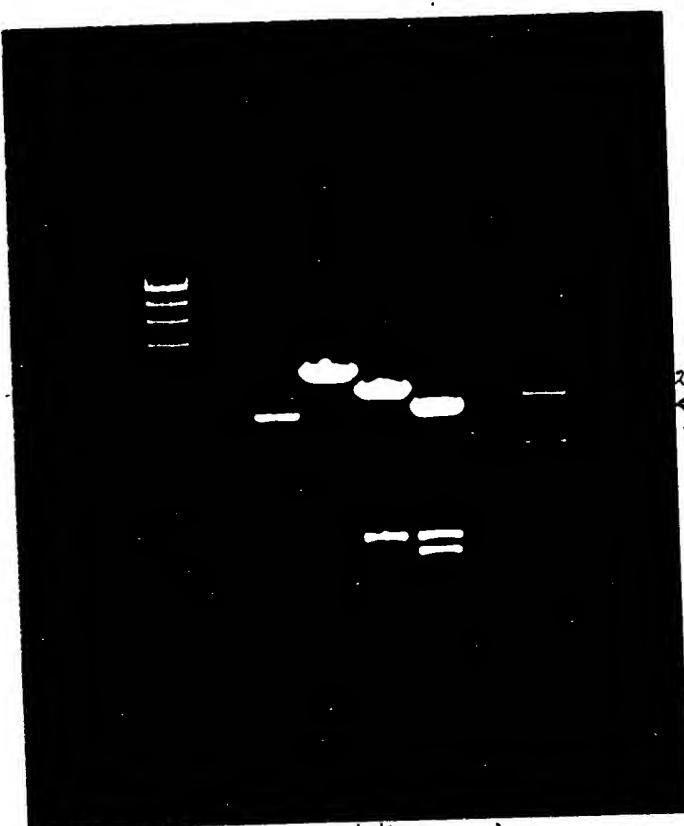
K. Liberman

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unlabelled $\frac{Aat}{EcoRI}$
per $\frac{BamHI}{ApaI}$ APL 3.

pVE = 2686 bp

Dorf II @ 2617 + APL III @ 806 = Vector = 1811 bp. 0.6742
rest = 875 bp 0.325

DEAE paper containing the vector band, washed in { 1M NaCl
for 10 min rins 5.
5 mM EDTA

ethanol 100% (Juel) = ~100 mg / 100 ml

- Digestion seems to be
complete

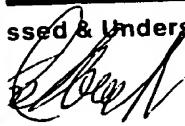
All enzymes are potent!



- loaded w/ 40 µg of cut plkt 19
and purified the Vector band
- w/ 26.97 µg.

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Date

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Invented by

Recorded by
J. S. Narayan

Date

12/7/94